

# SAMEER PATWARDHAN

Automation and Robotics  
Engineer



## About Me

Second-year Automation & Robotics engineering student with strong skills in CAD modeling, basic FEA, GD&T, and beginner Python/C++. Experienced in robotics team design workflows, mechanism development, and structural analysis. Passionate about robotics, autonomous systems and humanoid mechanisms. Actively building skills in simulation and ROS.

## Contact

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## Skills

- Autodesk Fusion 360
- FEA
- GDnT
- C++
- Python
- AI

## Language

English German Hindi



## Experience

### Mechanical Team Member [Design and Analysis] Team CiPHER

April 2025 - Now

- Support the marketing leadership team through the organization and administrative support for various projects.
- Conduct research for key marketing campaigns.

## Education

### JSPM's Rajarshi Shahu College of Engineering

2024 - 2028

Automation and Robotics Engineering

## Projects

### VARUNA – Autonomous Underwater Vehicle (Design Team)

Structural modeling, thruster layout, and pressure hull design using CAD + GD&T.

### Bot Wrestling Car

Designed a high-torque combat chassis focusing on strength, CG, and drive layout.

## Interests

Robotics  
Humanoid Systems  
Simulation  
Autonomous Vehicles